



# 6. Fourth Industrial Revolution and Digitalisation

## INVITATION: Reading Group

1. Marine Studies, 2. Aviation and Aeronautical Studies, 3. Automotive, 4. Energy, 5. Space Study and Square Kilometer Array, 6. **Fourth Industrial Revolution and Digitalisation**, 7. Natural Sciences (Biotechnological studies), 8. Health Studies/Medicine, 9. Feminist, Womanist, Bosadi Theorisations, 10. Student Support and Co-Curricular Activities.



## Working Group Session

The College of Graduate Studies invites you to a CGS-facilitated Catalytic Niche Area Working Group on the 4IR and Digitalisation. This session will be in the format of a virtual reading group. Attendees are encouraged to read the suggested texts before the session to benefit from it optimally. The readings have been selected to be accessible to readers from all disciplines and the discussion will focus on teasing out the potential for multidisciplinary engagement with the niche area. This session will thus be ideal for attendees who are still wondering about possible entryways into catalytic niche area research, as well as those who are seeking to broaden their own conceptualisations of the catalytic niche areas. The readings can be accessed online, or via the UNISA library e-publication finder.

### Readings:

Lee, M. et al. (2018). "How to Respond to the Fourth Industrial Revolution, or the Second Information Technology Revolution? Dynamic New Combinations between Technology, Market, and Society through Open Innovation" in *Journal of Open Innovation: Technology, Market, and Complexity*, 4(21): 1-24.  
<https://www.mdpi.com/2199-8531/4/3/21>

Mamphiswana, R. and Bekele, M. (2020). "The Fourth Industrial Revolution: Prospects and Challenges for Africa" in *International Association for Management of Technology IAMOT 2020 Conference Proceedings*. 1-12.  
<https://saiaa.org.za/wp-content/uploads/2020/10/IAMOT-2020-Full-Paper-Submission-47.pdf>

If you struggle with accessing the readings, please contact **Prof Murray** at [murraj@unisa.ac.za](mailto:murraj@unisa.ac.za) before the session.

**Tuesday, 12 March 2024**  
**11:00 – 12:30**

**Join the Session on MS Teams**

<http://tinyurl.com/yct9wbpr>

### FACILITATORS:

Prof Jessica Murray &  
Dr Karen Cloete



SCAN ME